A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09G3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7\ G09G$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE	RELEVA	TV
-------------------------------	--------	----

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	EP 1 286 326 A (SEIKO EPSON CORP) 26 February 2003 (2003-02-26) paragraphs '0001!, '0036!, '0044!, '0048!, '0049!; figures 2,5	1-6,8-11
Υ	US 5 912 712 A (DOHERTY DONALD B) 15 June 1999 (1999-06-15) column 1, lines 11-46 column 6, lines 4-14 column 3, line 66 - column 4, line 9	1,2,4-6, 8-11
Y	US 2003/010894 A1 (BETSUI KEIICHI ET AL) 16 January 2003 (2003-01-16) paragraphs '0008!, '0048! - '0050!, '0054!, '0058!; figure 1	1-3,5, 8-11

	<u> </u>
X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of parlicular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 12 October 2004	Date of mailing of the International search report 02/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Kunze, H

International Application No IB2004/051123

C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/038512 A (SIPIX IMAGING INC) 8 May 2003 (2003-05-08) page 5, line 21 - page 6, line 33	1-11
A	8 May 2003 (2003-05-08)	1-11

Information on patent family members

International Application No 'IB2004/051123

	ent document In search report		Publication date		Patent family member(s)	Publication date
EP :	1286326	Α	26-02-2003	EP CN WO US	1286326 A1 1381034 T 0191096 A1 2002036616 A1	26-02-2003 20-11-2002 29-11-2001 28-03-2002
US!	5912712	A	15-06-1999	NONE		
US :	2003010894	A1	16-01-2003	JP	2003029720 A	31-01-2003
WO	03038512	Α	08-05-2003	CN EP WO US	1416007 A 1444546 A1 03038512 A1 2003081305 A1	07-05-2003 11-08-2004 08-05-2003 01-05-2003